

VOLVO OCEAN RACE

ROUND THE WORLD 2008 - 2009

LEG SAILING INSTRUCTIONS

**ORGANISING AUTHORITY: VOLVO EVENT MANAGEMENT UK LIMITED
IN CONJUNCTION WITH ISAF**

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RESPONSIBILITY

All those taking part in the Volvo Ocean Race do so at their own risk and responsibility. The Organising Authority, affiliated club or clubs, Race Partners, Race Sponsors and associated yacht clubs or sailing organisations and their respective officers, employees, volunteers and members, accept no liability for any injury, loss or damage that may be suffered by any competitor, and any liability for harm to persons that results from breach of an express or implied warranty that the Volvo Ocean Race and all services relating thereto will be conducted or rendered with reasonable care and skill is excluded.

Specific attention is drawn to RRS Fundamental Rule 4, which states: "The responsibility for a boat's decision to participate in a race or to continue racing is hers alone."

VOLVO OCEAN RACE ROUND THE WORLD 2008-2009

1. THE RULES

The *Race* will be governed by the rules as defined in Notice of Race Part 3.1

2. CHANGES TO THE SAILING INSTRUCTIONS

Changes to the sailing instructions will be posted before 0800 hours on the day it will take effect, except that any change to the schedule of races will be posted by 2000 hours on the day before it will take effect. (<http://NoticeBoardVolvoOceanRace.org>)

3. PENALTIES FOR BREAKING RULES OF THE RRS PART 2

Refer NOR 3.2

4. ADVERTISING

Refer NOR 3.6.

5. MEDIA CREW MEMBER DUTIES

(a) Further to Notice of Race 4.1 (b) (iv)) the allowed duties of the *Media Crew Member* are;

1. normal personal activities of living on board a boat
2. Cooking, washing, sponging/bailing, moving their own equipment, handling communications with external medical advice and with follow up reports to external caregivers, actions that would be considered good manners e. g. passing sunglasses, wet weather gear, drinks etc.

(b) As a non exhaustive list of prohibited actions:

1. On deck: Helming, trimming, grinding, foredeck work, stacking sails or other equipment, retrieving, folding or handling sails.
2. Below decks: making water, stacking sails or other non media equipment, helping with or repairing sails, engine and electrical repairs, medical duties (except in extreme emergency).
3. General: substituting in the event that a Crew Member is incapacitated, navigation and position reporting.

In the event the Media Crew Member is unable to perform his duties a Crew Member shall take over the duties until either the Media Crew Member is able to resume his duties or the Boat finishes. The Crew Member is not required to carry out the environmental duties and is not restricted by this Sailing Instruction.

6. GUESTS ON BOARD

Refer NOR 4.2

7. DOCUMENTATION

Requirements as per NOR 5.1

8. MEASUREMENT AND INSPECTIONS

Requirements as per NOR 5.2

9. SEALING ARRANGEMENTS

Further to NOR 3.9:

- (a) The engine propulsion system shall be sealed prior to racing. Seals shall be photographed or videoed in place, with serial numbers visible and the material transmitted to Race Headquarters within 4 hours of the start of each *Leg*.
- (b) If any seals are broken, the details are to be reported to the race committee at the earliest opportunity and recorded in the *Boat's* log.
- (c) The race committee may require photographs or video of other equipment seals, with serial numbers visible, while *Boats* are racing. The photographs or video shall be transmitted to Race Headquarters within 4 hours of receipt of the request.
- (d) Broken seals are to be replaced as soon as possible with the spare seals provided. Replaced seals shall be photographed or videoed in place, with serial numbers visible and the material transmitted to Race Headquarters within 4 hours of the seal being replaced.
- (e) If transmission of any photographs or video relating to seals is not possible, video of the seal with an uninterrupted shot moving to a GPS screen showing position, date and time will be required. Video tapes shall be delivered to the race committee within 24 hours of finishing.
- (f) Seals shall not be removed after finishing a *Leg* except by permission of the race committee.
- (g) (i) One unsealed mobile phone may be on board provided the following criteria are complied with:
 - 1. Prior to leaving the dock the nominated mobile phone and its telephone number shall be identified to, and have a security tag applied by the race committee,AND EITHER
 - 2. The nominated mobile phone shall be sealed in the pouch provided prior to racing. The seal shall be photographed in place and the photograph transmitted back to Race Headquarters within 4 hours of the start of the *Leg*.OR
 - 3. The nominated mobile phone shall be taken off the *Boat* no later than the preparatory signal and shall, complete with security tag, be shown to a member of the race committee within 12 hours of the start of the *Leg*.

- (ii) Prior to leaving the dock on the morning of a start, all other mobile communication devices carried on board whilst racing, except those supplied by the organising authority or required by the rules, shall be sealed.

10. EQUIPMENT SUPPLIED BY THE ORGANISING AUTHORITY

Further to NOR 3.10: 48 hours prior to the start of each *Leg* until either finishing or retiring from that *Leg*, the 2 Inmarsat C's, the data computer, the wave height sensor and the on deck battery operated tracking beacon shall be activated, except that during *Pit Stops* this equipment shall remain on unless otherwise instructed by the race committee. Testing of the large and small satellite data terminals may also be required prior to the start of each *Leg* at the request of the race committee. If activation is not possible or these devices cease to function, the *Boat* shall inform the race committee of the reason as soon as possible and shall use its best endeavours to re-activate the defective units.

11. FLAGS AND BANNERS

- (a) The class flag will be a white flag with the Volvo Ocean Race logo.
- (b) A class flag shall be flown from a halyard or running rigging when a *Boat* is in the Assembly.

12. NAVIGATION LIGHTS

Boats shall exhibit navigation lights between sunset and sunrise.

13. SCHEDULE OF RACES

In addition to NOR 2.1 (d) Warning Signals are as follows:

<i>Leg</i> 1:	Saturday, 11 October 2008,	Warning Signal	1350
<i>Leg</i> 2:	Saturday, 15 November 2008,	Warning Signal	1250
<i>Leg</i> 3:	Saturday, 13 December 2008,	Warning Signal	1350
<i>Leg</i> 4:	Sunday, 18 January 2009,	Warning Signal	1250
<i>Leg</i> 5:	Saturday, 14 February 2009,	Warning Signal	1250
<i>Leg</i> 6:	Saturday, 11 April 2009,	Warning Signal	1450
<i>Leg</i> 7:	Saturday, 16 May 2009,	Warning Signal	1250
<i>Leg</i> 8:	Saturday, 6 June 2009,	Warning Signal	1250
<i>Leg</i> 9:	Sunday, 14 June 2009,	Warning Signal	1250
<i>Leg</i> 10:	Thursday, 25 June 2009,	Warning Signal	1350

Legs will be started using RRS 26 as amended by NOR 3.1(d)..

14. ASSEMBLY

Refer NOR 2.6.

15. PIT STOP

Refer NOR 1.1(xi), 2.1(e) and 5.4(d)

16. THE COURSES

In addition to NOR 2.1(d), courses will be detailed in the Sailing Instruction Leg Addendums.

17. THE START

- (a) The start line will be defined in the Sailing Instructions Leg Addendum
- (b) In addition to RRS 29.1 Individual Recall notification may be broadcast on a VHF Channel or Inmarsat C. Failure or delay in additional notification shall not constitute grounds for redress. This changes RRS 62.1(a).
- (c) *Boats* may start after the race committee boats, limit marks and any inflatable turning marks are removed provided they start in the immediate vicinity of the starting line. Upon commencing the leg *Boats* should report immediately their GPS position and starting time to Race Headquarters and record them in the *Boats* log.

18. MISSING MARKS

In addition to RRS 34; When the race committee have failed to lay a mark, removed a mark, or failed to replace or substitute a mark, *Boats* shall use the approximate position of the mark, as given in the Sailing Instruction Leg Addendum as the mark.

19. THE FINISH

- (a) The finish line will be defined in the Sailing Instruction Leg Addendum
- (b) After finishing *Boats* shall proceed directly to the arrivals pontoon unless directed to a customs holding area.
- (c) Stores and personnel shall not be transferred to or from the *Boat* before the *Boat* berths at the arrivals pontoon without race committee approval.
- (d) The race committee may permit or require Media and medical personnel to be on board the *Boat* prior to berthing at the arrivals pontoon.

20. SUSPENSION OF RACING

- (a) During a *Leg* a *Boat* may suspend racing for any reason. The circumstances shall be reported as soon as possible to Race Headquarters and recorded in the *Boats* log. The race committee shall inform all other *Boats* as soon as possible.
1. Fuel and provisions shall not be taken onboard without the prior permission of the OA.
 2. Garbage may be removed
- (b) The *Boat* may resume racing after returning to the position at which she suspended racing and informing Race Headquarters.
- (c) Time spent not racing shall count in full towards the elapsed time of the *Boat* for that *Leg*. The minimum time for the suspension of racing shall be 12 hours.
- (d) On leg 8 a boat may not suspend racing after crossing the Longitude 10⁰⁰.00"E.
- (e) This changes RRS 41, 42, 45 and 47.

21. RETIREMENTS

A *Boat* that retires during a *Leg* shall report her retirement as soon as possible to Race Headquarters and record it in the *Boats* log. The race committee shall inform all other *Boats* as soon as possible.

22. CREW LEAVING DURING A LEG

Crew Members may leave a *Boat* during a *Leg* (see NOR 4.1 (a)(ii)) but having left shall not return or be replaced during that *Leg*. The departure of that person shall be reported immediately to the Race Headquarters and recorded in the *Boat's* log. This changes RRS 47.2.

23. DISPOSAL AT SEA

Boats shall comply with MARPOL 73/78 Annex V, which prohibits the dumping of plastic or synthetic materials at sea. *Boats* shall not dump fuel or oil overboard at any time.

24. RACE DECLARATIONS

- (a) A *Boat* that acknowledges having infringed the rules shall promptly inform Race Headquarters of the nature of the infringement and the details.
- (b) Within 24 hours of completing a *Leg*, each *Crew Member* and the *Media Crew Member* shall sign a declaration, providing details of any infringement of a rule, regulation or sailing instruction, and stating that to their knowledge and belief, other than the matters referred to, the *Boat* complied with all the Race rules.

25. PROTESTS AND REQUESTS FOR REDRESS

- (a) Breaches of Leg Sailing Instruction 4, 6, 7, 8, 9, 10, 11(b), 14, 15, 18, 20, 22, 23, 29, 30, 31, 32 or 33 shall not be grounds for a protest by a *Boat*. This changes RRS 60.1(a).
- (b) Further to RRS 61.1(a), any *Boat* that wishes to lodge a protest shall inform Race Headquarters promptly giving details and the name of the *Boat* being protested protests@volvoceranrace.org.
- (c) A protest by a *Boat* shall be emailed or delivered to the local race office within 24 hours of:
 - (i) the protesting *Boat* finishing; or
 - (ii) the protesting *Boat* retiring from the *Leg*; or
 - (iii) the protesting *Boat* that has suspended racing and does not intend to continue racing in that *Leg*.
- (d) A protest by the race committee or Jury shall be delivered to the local race office within 24 hours of;
 - (i) the last *Boat* finishing; or
 - (ii) the last *Boat* retiring from a *Leg*; or
 - (iii) the last *Boat* that has suspended racing and does not intent to continue racing in that *Leg*.
- (e) For the last *Leg* of the *Race*, the protest time limit in Leg SI 24 (c) and (d) is changed from 24 to 2 hours.
- (f) Other race committee or Jury protests shall be delivered to the local race office within 24 hours after receiving the relevant information. This changes RRS 61.3
- (g) For hearings held in the finish *Port* of the final *Leg*, a party may ask for a reopening of a hearing not later than 60 minutes after being informed of the decision. This changes RRS 66.

26. SCORING

Refer NOR 6

27. PRIZES AND TROPHIES

Refer NOR 6.3

28. COMMUNICATIONS WHILE RACING

- (a) RRS 41 is changed as specified in NOR 3.12.
- (b) Any communication with Race Headquarters shall not be considered as Outside Help. This changes RRS 41.

29. DUTY BOATS

- (a) During a *Leg* each *Boat* shall act as the Duty Boat for a period of 24 hours. The first duty shall commence at the start of each *Leg* and the hand over of duty shall be 24 hours later. The Duty Boat order will be published in the Sailing Instruction Leg Addendum.

- (b) The Duty Boat shall:
- (i) act as co-ordinator during any local emergency until other arrangements are made,
 - (ii) relay to Race Headquarters every 3 hours at the UTC times nominated the position reports, if received, of any *Boats* that have no functioning satellite communications equipment.
 - (iii) maintain a constant DSC watch on HF and VHF frequencies.
 - (iv) hand over, after confirmation, to the next *Boat* on the Duty Boat Schedule (the Standby Duty Boat). Should the next *Boat* in the schedule fail to confirm the hand over, the Duty Boat shall hand over to the next plus one *Boat* in the schedule and so on until a hand over is successful. The hand over can take place over any communication equipment.
- (c) A Duty Boat within 50 miles of finishing shall hand over to the next *Boat* on the Duty Boat Schedule still racing and more than 50 miles from the finish.

30. DAILY STATUS REPORT

A daily report from each *Boat*, describing the damage status of the *Boat* and crew, shall be communicated to Race Headquarters between 2200 and 0000 (UTC).

31. POSITION REPORTS AND STEALTH PLAY

- (a) Race Headquarters will attempt to send a fleet position report to all *Boats* at approximately 0115, 0415, 0715, 1015, 1315, 1615, 1915 and 2215 UTC only. Failure to receive such information is not grounds for redress. This changes RRS 62.1(a). The Duty Boat shall, as soon as possible, relay this report to any *Boats* with Inmarsat C failure.
- (b) If automated position reporting fails, the *Boat* shall report its position, course, speed, wind speed and wind direction at 0045, 0345, 0645, 0945, 1245, 1545, 1845 and 2145 UTC to Race Headquarters via a satellite communication system, failing that, to the Duty Boat via radio.
- (d) For media reasons, more frequent reports showing only differences in distance to finish or distance to waypoint may be issued at times determined by the race committee. Failure to receive such information is not grounds for redress. This changes RRS 62.1(a).
- (e) During Legs 1, 2, 5, 6, and 7, boats may use a "StealthPlay". During a StealthPlay a Boat will not be visible to the rest of fleet or the general public through the fleet position report. Only Race Headquarters will continue to monitor the Boat's progress with electronic signals. To activate a StealthPlay the Boat shall call the Race Headquarters within 30 minutes of a position report being sent by the Race Headquarters. The play will stay in effect for the next three scheduled position reports released within the following 12 hours. The boat will become visible to the rest of the fleet when its position is released with the next (fourth) scheduled position report. When a Boat using her StealthPlay passes a waypoint or a scoring gate her

time of rounding or passing will be made public as it will when she is closer than 50nm from the finish. Accidental releasing of a boats position will not be grounds for redress. This changes RRS 62.1 (a).

- (f) A Boat is not required to use her Stealth Play and they shall not be accumulated.

32. INMARSAT COMMUNICATIONS

- (a) Inmarsat C

The Inmarsat C position reporting terminal (PRT) will be used for automated position reporting and is defined as the terminal connected to the Data Computer.

The Inmarsat C messaging terminal (MT) will be used for text based communication between boats and Race Headquarters.

The position reporting terminal (PRT) shall be configured with DNID 1352 and back up DNID 9835. ENID 34178 and 535 Only.

The messaging terminal (MT) shall be configured for DNID 1352 and back up DNID 9835. ENID 34178 and 535 Only.

Both terminals shall be enabled for all Inmarsat Ocean Regions.

Both Inmarsat C terminals (PRT and MT) shall be logged into the following Inmarsat Ocean Regions as appropriate:

- Leg 1 Atlantic Ocean Region East (AORE)
- Leg 2 Indian Ocean Region (IOR)
- Leg 3 Indian Ocean Region (IOR)
- Leg 4 Indian Ocean Region (IOR) followed by Pacific Ocean Region (POR)
- Leg 5 Pacific Ocean Region (POR) followed by Atlantic Ocean West (AORW)
- Leg 6 Atlantic Ocean West Region (AORW)
- Leg 7 Atlantic Ocean West Region (AORW) followed by Atlantic Ocean Region East (AORE)
- Leg 8 Atlantic Ocean Region East (AORE)
- Leg 9 Atlantic Ocean Region East (AORE) followed by Indian Ocean Region (IOR)
- Leg 10 Atlantic Ocean Region East (AORE) followed by Indian Ocean Region (IOR)

Boats shall change to an alternate Inmarsat Ocean Region on request from Race Headquarters.

Race Headquarters will transmit messages in three categories with the following meanings:

- | | |
|---------------------------|---|
| ROUTINE MESSAGES | Boats need not reply. |
| PRIORITY MESSAGES | Boats shall reply within 6 hours or as directed in the text. |
| IMMEDIATE MESSAGES | Boats shall acknowledge receipt as soon as possible. If later than 1 hour after the receipt or later than |

directed in the text, the boat shall record the reasons for the delay in the log and report this to the race committee at the end of the leg.

Electronic copies of all incoming and outgoing communication for both Inmarsat C systems, except for EGC messages and position reports, shall be supplied to the Race Committee within 24 hours of finishing each leg.

(b) All Inmarsat Services

Any liability incurred by a boat for use of the Inmarsat system not using Stratos / Xantic beyond that required by the rules and in excess of the allowance made by the Organising Authority will be charged to the boat.

Only Land Earth Stations of Stratos / Xantic, Telenor and France Telecom, may be used.

Designated Land Earth Stations (LES) for each Inmarsat Ocean Region are:

LESO	Inmarsat C	Fleet F33 / F77
Stratos / Xantic (Prime)		
AORW	012 Burum	012 Burum
AORE	112 Burum	012 Burum
IOR	312 Burum	012 Burum
POR	212 Burum	012 Burum
Telenor (Back-up 1)		
AORW	004 Eik	004 Eik
AORE	104 Eik	004 Eik
IOR	304 Eik	004 Eik
POR	204 Eik	004 Eik
France Telenor (Back-up 2)		
AORW	021 Aussagel	011 Aussagel
AORE	121 Aussagel	011 Aussagel
IOR	321 Aussagel	011 Aussagel
POR	221 Aussagel	011 Aussagel

33. MEDIA REQUIREMENTS WHILE RACING

(a) Boats shall be required to transmit the following quantities of media related material ashore:

	Video	Digital photographs
<i>Leg 1</i>	60 minutes	115
<i>Leg 2</i>	50 minutes	90
<i>Leg 3</i>	30 minutes	50
<i>Leg 4</i>	35 minutes	60
<i>Leg 5</i>	100 minutes	175
<i>Leg 6</i>	45 minutes	80
<i>Leg 7</i>	20 minutes	40
<i>Leg 8</i>	15 minutes	20
<i>Leg 9</i>	10 minutes	15

- (b) (i) *Boats* shall take part in one 5 minute satellite telephone interview every 48 hours, only if such interview is instigated by Race Headquarters.
- (b) (ii) *Boats* shall send a written report of at least 150 words every 24 hours.
- (c) Any failure to meet the minimum requirement will be investigated by the race committee. Repeated avoidable failure to deliver the required media output will lead to a protest by the race committee.
- (d) Any effect of fulfilling these requirements shall not be grounds for redress. This changes RRS 62.1.
- (e) Still photographs shall be taken and transmitted ashore at a minimum of 1.5-2MB's.
- (f) Video that is transmitted to Race Headquarters shall be encoded at 4 MBits per second, using H264 ACV encoding in 16:9 PAL format unless the race committee stipulates an alternative rate or format.

All original video material and still photographs taken whilst racing shall be delivered to the organising authority within one hour of docking at the arrivals pontoon.

Jack Lloyd.

Race Director

7th October 2008